

A25200

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Nectin-4/PVRL4 Rabbit mAb

Catalog No.: A25200

Recombinant

Basic Information

Observed MW

Calculated MW

24kDa/55kDa

Category

SMab Recombinant Monoclonal
Antibody

Applications

FC,ELISA

Cross-Reactivity

Human

CloneNo number

ARC66068

Background

Nectin-4/ poliovirus Receptor-like 4 (PVRL4) is a type I transmembrane glycoprotein belonging to the immunoglobulin superfamily that promotes intercellular adhesion by acting as a major component of adhesion junctions. The extracellular domain of Nectin-4 consists of one Ig variable region (V) and two Ig constant regions (C), which mediate binding to measles virus and adjacent cells through trans-heterophile interactions with Nectin-1. Unlike other members of the connectin family, which are widely expressed in adult tissues, human Nectin-4 expression is largely limited to the blastoderm. Studies have shown that Nectin-4 is overexpressed in cells from a variety of human solid tumors, including pancreatic, breast, lung, and ovarian cancers. The expression pattern of Nectin-4 in normal tissues is limited, so NECTIN-4 can be used as a novel therapeutic target for various human tumors.

Recommended Dilutions

FC 1:100 - 1:500

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

81607

Swiss Prot

Q96NY8

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 32-146 of human Nectin-4/PVRL4 (NP_112178.2).

Synonyms

LNIR; PRR4; EDSS1; PVRL4; nectin-4

Contact



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Product Information

Source

Rabbit

Isotype

IgG

Purification

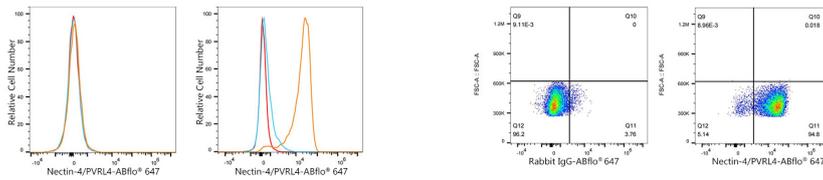
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Flow cytometry: 1×10^6 HAP1 cells (negative control, left) and T-47D cells (right) were surface-stained with Nectin-4/PVRL4 Rabbit mAb (A25200, 2 $\mu\text{g}/\text{mL}$, orange line) or ABflo® 647 Rabbit IgG isotype control (A22070, 5 $\mu\text{l}/\text{Test}$, blue line), followed by Alexa Fluor® 647 conjugated goat anti-rabbit pAb staining. Non-fluorescently stained cells were used as blank control (red line).

Flow cytometry: 1×10^6 T-47D cells were surface-stained with ABflo® 647 Rabbit IgG isotype control (A22070, 5 $\mu\text{l}/\text{Test}$, left) or Nectin-4/PVRL4 Rabbit mAb (A25200, 2 $\mu\text{g}/\text{mL}$, right).